

PCSK2 rabbit monoclonal antibody

Catalog # H00005126-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PCSK2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PCSK2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PCSK2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PCSK2

Entrez GeneID	5126
GeneBank Accession#	PCSK2
Gene Name	PCSK2
Gene Alias	NEC2, PC2, SPC2
Gene Description	proprotein convertase subtilisin/kexin type 2
Omim ID	162151
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This encoded protein is a proinsulin-processing enzyme that plays a key role in regulating insulin biosynthesis. It is also known to cleave proopiomelanocortin, proenkephalin, prodynorphin and proluteinizing-hormone-releasing hormone. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq]
Other Designations	KEX2-like endoprotease 2 OTTHUMP00000030330 neuroendocrine convertase 2 prohormone convertase 2 subtilisin-like prohormone convertases

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